

National Transportation Safety Board		NTSB Accident/Incident Number	
FACTUAL REPORT AVIATION		A   N   C   0   0   M   A   1   2   5	
Supplement D --Cockpit Documentation, Multi (3 or more) Reciprocating Engine and Turbine Powered Aircraft			
1 Cockpit Secured, Readings Not Pertinent 1 <input type="checkbox"/> Yes (Go to block 3)		2 Cockpit/Instrument Panel Destroyed 1 <input checked="" type="checkbox"/> Yes (Go to block 3)	
Cockpit Instrument Indications--		Enter direct in appropriate category	
Flight Instruments		Engine/Systems Instruments	
Item	Reading/Setting	Item	Reading/Setting

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### Cockpit Instrument Indications (continued)

## Communications and Navigation Equipment

Frequency/Setting/Reading

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## Supplement D --Cockpit Documentation, Multi (3 or more) Reciprocating Engine and Turbine Powered Aircraft (continued)

### Aircraft Equipment

## 3 Aircraft Certificated For Two-Pilot Operation

- 1 ☐ Yes  
2 ☒ No  
A Other

## 4 Autopilot

- 1 ☐ Not installed  
2 ☐ Engaged  
3 ☐ Not engaged  
A Other UNK

## 5 Digital Electronic/Nav/Comm Displays

- 1 ☐ Not installed  
2 ☒ Installed  
A Other

## 6 Heads Up Display

- 1 ☒ Not installed  
2 ☐ In use  
3 ☐ Not in use  
A Other

## 7 Nav Equipment/Displays Installed (Multiple entry)

- 1 ☒ OMNI heads  
2 ☒ Glide slope  
3 ☒ HSI  
4 ☐ Flight director  
5 ☐ RMI  
6 ☐ RNAV  
7 ☐ INS  
8 ☐ VLF/Omega  
9 ☐ LORAN  
10 ☒ DME  
11 ☒ ADF  
12 ☐ Marker beacons  
A Other GPS

## 8 Left Panel Altimeter Type

- 1 ☐ Not installed  
2 ☐ Counter/pointer  
3 ☐ Drum/pointer  
4 ☐ 3-pointer  
5 ☐ 2-pointer  
A Other

## 9 Right Panel Altimeter Type

- 1 ☐ Not installed  
2 ☐ Counter/pointer  
3 ☐ Drum/pointer  
4 ☐ 3-pointer  
5 ☐ 2-pointer  
A Other

## 10 Standby Altimeter

- 1 ☒ Not installed  
2 ☐ Installed  
A Other

## 11 Radar Altimeter

- 1 ☐ Not installed  
2 ☒ Installed  
A Other

## 12 Angle of Attack Indicator

- 1 ☒ Not installed  
2 ☐ Installed  
A Other

## 13 Attitude Indicators Installed and Operating (Multiple entry)

- 1 ☐ Left position  
2 ☐ Right position  
3 ☐ None Operating  
A Other UNK

## 14 Primary Attitude Indicator Power Source (Multiple entry)

- 1 ☐ Pressure/vacuum system  
2 ☐ Pressure/vacuum system-with backup power source  
3 ☒ Electrical  
4 ☐ Standby indicator with alternate power source  
A Other

## 15 Type of Stall Warning Indicator (Multiple entry)

- 1 ☐ Visual/light  
2 ☐ Visual/gauge  
3 ☒ Aural  
4 ☐ Stickpusher  
5 ☐ Stickshaker  
A Other

## 16 Stall Warning System Capable of Operation

- 1 ☐ Yes  
2 ☐ No  
3 ☐ Partial  
A Other UNK

## 17 Transponder

- 1 ☐ Not installed  
2 ☐ Installed-not used  
3 ☒ Installed-used  
4 ☐ Installed-used-altimeter encoding  
A Other

## 18 Weather Radar/Detection Equipment

- 1 ☐ Not installed  
2 ☐ Installed-on  
3 ☐ Installed-off  
4 ☒ Installed, on/off unknown  
A Other

## 19 Weather Radar

- 1 ☐ Operative  
2 ☐ Inoperative  
A Other

## 20 Type Weather Radar/Detection Equipment

- 1 ☐ Storm scope  
2 ☐ Black and white radar  
3 ☒ Color radar  
A Other

### Electrical/System Switches

24 ☒ Switches Destroyed/Inaccessible (Go to block 76)25 ☐ Switch Positions Not Pertinent (Go to block 76)

Switch/Item				A Other	Pertinent Setting/Remark
	1 Not installed	2 On	3 Off		
26 Electrical Master					
27 Battery					
28 APU					
29 #1 Gen/Alternator					
30 #2 Gen/Alternator					
31 #1 Gen/Alternator					
32 #2 Gen/Alternator					
33 Inverter					
34 Avionics Master					
37 Pitot Heat					
38 Engine/Nacelle Anti-Ice					
39 Engine Deice					
40 Ice Detection					

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### Electrical/System Switches (continued)

Switch/Item	1 Not installed	2 On	3 Off	A Other (Enter code)	Pertinent Setting/Remark
41 Propeller Deice/Anti-Ice					
42 Windshield Deice					
43 Windshield Anti-Ice					
44 Airframe Deice					
47 Cockpit Air/Fan					
48 Cabin Air/Fan					
49 Cabin Heater					
50 Air Conditioning					
51 Cabin Pressure Altitude					
52 Cabin Pressure Temperature					
53 Crew Oxygen					
54 Cabin/Passenger Oxygen					
57 Taxi Lights					
58 Landing Lights					
59 Rotating Beacon					
60 Strobes					
61 Navigation Lights					
62 Instrument Panel Lights					
63 Cockpit/Storm Lights					
64 Cabin Lights					
65 Seat Belt Light					
66 No Smoking Light					
67 ELT Remote					
70 Antiskid System					
71 Ground Proximity Warning					
72 Altitude Alert					
73 Collision Avoidance System					

### Engine Controls-No. 1 Engine

76 ☒ Engine Control Positions Not Pertinent (Go to No. 2 Engine)

<b>77 Throttle</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Full forward 3 <input type="checkbox"/> Midrange 4 <input type="checkbox"/> Idle A Other	<b>78 Condition/Power</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Full forward 3 <input type="checkbox"/> Midrange 4 <input type="checkbox"/> Idle 5 <input type="checkbox"/> Reverse 6 <input type="checkbox"/> Off A Other	<b>79 Mixture</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Full rich 3 <input type="checkbox"/> Midrange 4 <input type="checkbox"/> Idle cutoff 5 <input type="checkbox"/> Auto A Other	<b>80 Propeller</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Power range 3 <input type="checkbox"/> Reverse 4 <input type="checkbox"/> Feather 5 <input type="checkbox"/> Beta A Other	<b>81 Carburetor Heat</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Full on 3 <input type="checkbox"/> Partial 4 <input type="checkbox"/> Off A Other	<b>82 Alternate Air</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Open 3 <input type="checkbox"/> Closed 4 <input type="checkbox"/> Midrange A Other
<b>83 Cowl Flaps</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Open 3 <input type="checkbox"/> Closed 4 <input type="checkbox"/> Midrange A Other	<b>84 Magneto Switch Position</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Both 3 <input type="checkbox"/> Left 4 <input type="checkbox"/> Right 5 <input type="checkbox"/> Off A Other	<b>85 Auto Ignition</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> On 3 <input type="checkbox"/> Off A Other	<b>86 Auto Feather</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> On 3 <input type="checkbox"/> Off A Other	<b>87 Throttle Quadrant Friction</b> 1 <input type="checkbox"/> Not installed 2 <input type="checkbox"/> Tight 3 <input type="checkbox"/> Loose A Other	

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### Engine Controls-No. 2 Engine

88 ☒ Engine Control Positions Not Pertinent (Go to No. 3 Engine)

## 89 Throttle

- 1 ☐ Not installed  
2 ☐ Full forward  
3 ☐ Midrange  
4 ☐ Idle  
A Other

## 90 Condition/Power

- 1 ☐ Not installed  
2 ☐ Full forward  
3 ☐ Midrange  
4 ☐ Idle  
5 ☐ Reverse  
6 ☐ Off  
A Other

## 91 Mixture

- 1 ☐ Not installed  
2 ☐ Full rich  
3 ☐ Midrange  
4 ☐ Idle cutoff  
5 ☐ Auto  
A Other

## 92 Propeller

- 1 ☐ Not installed  
2 ☐ Power range  
3 ☐ Reverse  
4 ☐ Feather  
5 ☐ Beta  
A Other

## 93 Carburetor Heat

- 1 ☐ Not installed  
2 ☐ Full on  
3 ☐ Partial  
4 ☐ Off  
A Other

## 94 Alternate Air

- 1 ☐ Not installed  
2 ☐ Open  
3 ☐ Closed  
4 ☐ Midrange  
A Other

## 95 Cowl Flaps

- 1 ☐ Not installed  
2 ☐ Open  
3 ☐ Closed  
4 ☐ Midrange  
A Other

## 96 Magneto Switch Position

- 1 ☐ Not installed  
2 ☐ Both  
3 ☐ Left  
4 ☐ Right  
5 ☐ Off  
A Other

## 97 Auto Ignition

- 1 ☐ Not installed  
2 ☐ On  
3 ☐ Off  
A Other

## 98 Auto Feather

- 1 ☐ Not installed  
2 ☐ On  
3 ☐ Off  
A Other

## 99 Throttle Quadrant Friction

- 1 ☐ Not installed  
2 ☐ Tight  
3 ☐ Loose  
A Other

### Engine Controls-No. 3 Engine

100 ☐ Engine Control Positions Not Pertinent (Go to No. 4 Engine)

## 101 Throttle

- 1 ☐ Not installed  
2 ☐ Full forward  
3 ☐ Midrange  
4 ☐ Idle  
A Other

## 102 Condition/Power

- 1 ☐ Not installed  
2 ☐ Full forward  
3 ☐ Midrange  
4 ☐ Idle  
5 ☐ Reverse  
6 ☐ Off  
A Other

## 103 Mixture

- 1 ☐ Not installed  
2 ☐ Full rich  
3 ☐ Midrange  
4 ☐ Idle cutoff  
5 ☐ Auto  
A Other

## 104 Propeller

- 1 ☐ Not installed  
2 ☐ Power range  
3 ☐ Reverse  
4 ☐ Feather  
5 ☐ Beta  
A Other

## 105 Carburetor Heat

- 1 ☐ Not installed  
2 ☐ Full on  
3 ☐ Partial  
4 ☐ Off  
A Other

## 106 Alternate Air

- 1 ☐ Not installed  
2 ☐ Open  
3 ☐ Closed  
4 ☐ Midrange  
A Other

## 107 Cowl Flaps

- 1 ☐ Not installed  
2 ☐ Open  
3 ☐ Closed  
4 ☐ Midrange  
A Other

## 108 Magneto Switch Position

- 1 ☐ Not installed  
2 ☐ Both  
3 ☐ Left  
4 ☐ Right  
5 ☐ Off  
A Other

## 109 Auto Ignition

- 1 ☐ Not installed  
2 ☐ On  
3 ☐ Off  
A Other

## 110 Auto Feather

- 1 ☐ Not installed  
2 ☐ On  
3 ☐ Off  
A Other

## 111 Throttle Quadrant Friction

- 1 ☐ Not installed  
2 ☐ Tight  
3 ☐ Loose  
A Other

### Engine Controls-No. 4 Engine

112 ☐ Engine Control Positions Not Pertinent (Go to block 124)

## 113 Throttle

- 1 ☐ Not installed  
2 ☐ Full forward  
3 ☐ Midrange  
4 ☐ Idle  
A Other

## 114 Condition/Power

- 1 ☐ Not installed  
2 ☐ Full forward  
3 ☐ Midrange  
4 ☐ Idle  
5 ☐ Reverse  
6 ☐ Off  
A Other

## 115 Mixture

- 1 ☐ Not installed  
2 ☐ Full rich  
3 ☐ Midrange  
4 ☐ Idle cutoff  
5 ☐ Auto  
A Other

## 116 Propeller

- 1 ☐ Not installed  
2 ☐ Power range  
3 ☐ Reverse  
4 ☐ Feather  
5 ☐ Beta  
A Other

## 117 Carburetor Heat

- 1 ☐ Not installed  
2 ☐ Full on  
3 ☐ Partial  
4 ☐ Off  
A Other

## 118 Alternate Air

- 1 ☐ Not installed  
2 ☐ Open  
3 ☐ Closed  
4 ☐ Midrange  
A Other

## 119 Cowl Flaps

- 1 ☐ Not installed  
2 ☐ Open  
3 ☐ Closed  
4 ☐ Midrange  
A Other

## 120 Magneto Switch Position

- 1 ☐ Not installed  
2 ☐ Both 5 ☐ Off  
3 ☐ Left A Other  
4 ☐ Right

## 121 Auto Ignition

- 1 ☐ Not installed  
2 ☐ On  
3 ☐ Off  
A Other

## 122 Auto Feather

- 1 ☐ Not installed  
2 ☐ On  
3 ☐ Off  
A Other

## 123 Throttle Quadrant Friction

- 1 ☐ Not installed  
2 ☐ Tight  
3 ☐ Loose  
A Other

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### Landing Gear Controls/Indicators and Flight Control/Indicators

**124 Landing Gear Control**

- 1 ☐ Not installed  
 2 ☐ Up  
 3 ☒ Down  
 4 ☐ Neutral/Off  
 A Other

**125 Landing Gear Indicator**

- 1 ☐ Not installed  
 2 ☐ Up  
 3 ☐ Down  
 4 ☐ Transit/unsafe  
 A Other UNK

**126 Trailing Edge Flap Control**

- 1 ☐ Not installed  
 2 ☐ Up  
 A Down \_\_\_\_deg.  
 B Other UNK

**127 Trailing Edge Flap Indicator**

- 1 ☐ Not installed  
 2 ☐ Up  
 A Down \_\_\_\_deg.  
 B Other UNK

**128 Leading Edge Flap Control**

- 1 ☒ Not installed  
 2 ☐ Up  
 A Down \_\_\_\_deg.  
 B Other

**129 Leading Edge Flap Indicator**

- 1 ☒ Not installed  
 2 ☐ Up  
 A Down \_\_\_\_deg.  
 B Other

**130 Leading Edge Slat Control**

- 1 ☒ Not installed  
 2 ☐ Up  
 A Down \_\_\_\_deg.  
 B Other

**131 Leading Edge Slat Indicator**

- 1 ☒ Not installed  
 2 ☐ Up  
 A Down \_\_\_\_deg.  
 B Other

**132 Flight Spoiler Control**

- 1 ☒ Not installed  
 2 ☐ Stowed  
 3 ☐ Deployed  
 A Other

**133 Ground Spoiler Control**

- 1 ☒ Not installed  
 2 ☐ Stowed  
 3 ☐ Armed  
 4 ☐ Deployed  
 A Other

**134 Drag Chute**

- 1 ☒ Not installed  
 2 ☐ Stowed  
 3 ☐ Deployed  
 A Other

**135 Autothrottle**

- 1 ☒ Not installed  
 2 ☐ Engaged  
 3 ☐ Not engaged  
 A Other

**136 Dual Controls**

- 1 ☐ Not installed  
 2 ☒ Installed  
 A Other

**137 Elevator/Stab Trim Control**  
(Multiple entry)

- 1 ☐ Not installed  
 2 ☐ Up  
 3 ☐ Down  
 4 ☐ Neutral  
 A Other UNK

**138 Aileron Trim Indicator**

- 1 ☐ Not installed  
 2 ☐ Left  
 3 ☐ Right  
 4 ☐ Neutral  
 A Other UNK

**139 Upper Rudder Trim Indicator**

- 1 ☐ Not installed  
 2 ☐ Left  
 3 ☐ Right  
 4 ☐ Neutral  
 A Other UNK

**140 Lower Rudder Trim Indicator**

- 1 ☒ Not installed  
 2 ☐ Left  
 3 ☐ Right  
 4 ☐ Neutral  
 A Other